

Listing of Claims

Claims 1 – 10 deleted.

[Claims 11 – 18 new.]

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cont

Claims:

11.^(new) Multi-channel image display apparatus comprising at least two low frame rate source channels for forming a background scene, at least one high frame rate source channel, and high speed real-time image processing electronic means which enables an image from the high frame rate source channel to be inserted at any location in the background scene.

12.^(new) Multi-channel image display apparatus according to claim 11 in which frame rates from the high frame rate source channel and the low frame rate source channels are synchronous.

13.^(new) Multi-channel image display apparatus according to claim 11 in which the high frame rate source channel provides partial frames.

14.^(new) Multi-channel image display apparatus according to claim 13 in which the partial frames from the high-frame rate source channel form a target image.

15.^(new) Multi-channel image display apparatus according to claim 14 in which there are more than one of the target images. ✓

16.^(new) Multi-channel image display apparatus according to claim 13 in which the partial frames from the high frame rate source channel form an area of interest.

✓ 17.^(new) Multi-channel image display apparatus according to claim 16 and including head slaved tracker means for the area of interest. ✓

✓ 18.^(new) A simulator when including multi-channel image display apparatus according to claim 11, the simulator being selected from the group consisting of a flight simulator, an air traffic control simulator, and a driving simulator. ✓

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